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(A) data management system includes a nonvolatile semiconductor storage section including a plurality of blocks (capable of storing data); a storage control section (for controlling a storage operation of the nonvolatile semiconductor storage section); a data management system control section for processing data to be stored in the nonvolatile semiconductor storage section; and a data management system memory section for storing management data (which is referred to by the data management system control section, wherein the data management system control section performs data management by: dividing the data into data segments by units of a sector which is a logical unit for data management; storing data link information which indicates the ordinal relationship of the data segments, together with the data segments, in the nonvolatile semiconductor storage section (via the storage control section); and storing, as link information in each sector, information about immediately-previous and immediately-subsequent data storage sites.